

Flood Control Project Maintenance
2016 Structure Summary Report
Overall Unit and Item Ratings

Reclamation District No. 2063 Crows Landing

Lateral No. 6 Pumping Plant

Overall Unit Rating	Rated Item	Item Rating
A	Operating Log	A
	Operation & Maintenance Manual	A
	Plant Building	A
	Communications	A
	Safety	A
	Cranes	N
	Pumps	A
	Power	A
	Motors, Engines, Fans & Gear Reducers	A
	Pump Control Systems	A
	Sumps/Wet Well	A
	Trash Racks	A
	Trash Rakes	N
	Sluice / Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Other Metallic Items	A
	Flap Gates	A
	Closure Structures	N
	Security Fencing	N
	Intake and Discharge Pipes	A

Flood Control Project Maintenance**Unit Cover Sheet****2016 Pumping Plant Inspection Results****Reclamation District No. 2063 Crows Landing**

Pumping Plant
Lateral No. 6 Pumping Plant

Pumping Plant Rating	A
Date of Inspection	8/4/2016
DWR Inspector	Pavel Kazi
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Reclamation District No. 2063 Crows Landing

Structure	Structure Length	Inspection Start/End	Inspector
Lateral No. 6 Pumping Plant		08/04/2016 08/04/2016	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Operating Log			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_1				
Action/Comments					
Inspector Comments: Operation log was completed and up to date.					

Photo 1 of 1 : ST_2016_RD2063_53_1_20160810_00013.jpg



View of the log book inside the plant.

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_2				
Action/Comments					
Inspector Comments: O&M manual was present but it was stored at the office.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Plant Building			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_4				
Action/Comments					
Inspector Comments: The plant building appeared to be in a good structural condition.					

Photo 1 of 1 : ST_2016_RD2063_53_4_20160810_00014.jpg



View of the pumping plant.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Reclamation District No. 2063 Crows Landing

Structure	Structure Length	Inspection Start/End	Inspector
Lateral No. 6 Pumping Plant		08/04/2016 08/04/2016	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Communications			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_22				
Action/Comments					
Inspector Comments: Plant operator has cellular phone for communication.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Safety			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_6				
Action/Comments					
Inspector Comments: There was not any significant safety hazard present outside of the pumping plant during inspection and the handrails prevented falling hazards around the pumping plant.					

Photo 1 of 1 : ST_2016_RD2063_53_6_20160810_00015.jpg



View of the handrails.

LM Start	0.00	Rating **	N	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Cranes			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2013_5				
Action/Comments					
Inspector Comments: A crane doesn't exist at this location.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Reclamation District No. 2063 Crows Landing

Structure	Structure Length	Inspection Start/End	Inspector
Lateral No. 6 Pumping Plant		08/04/2016 08/04/2016	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Pumps			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2013_7				
Action/Comments					
Inspector Comments: Pumps appeared to be in a good working condition.					

Photo 1 of 2 : ST_2016_RD2063_53_7_20160810_00017.jpg



View of one of the pumps inside the plant.

LM Start	0.00	Rating **	A	Issue No.	7 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2016_RD2063_53_7_20160810_00016.jpg



View of the second pump inside the plant.

LM Start	0.00	Rating **	A	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Power			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2013_9				
Action/Comments					
Inspector Comments: The power source appeared to be safe and adequate.					

Photo 1 of 1 : ST_2016_RD2063_53_9_20160810_00018.jpg



View of the power sources for the pumping plant.

*** Location**

LS : Land Side
WS : Water Side
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+ Issue Type

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Reclamation District No. 2063 Crows Landing

Structure	Structure Length	Inspection Start/End	Inspector
Lateral No. 6 Pumping Plant		08/04/2016 08/04/2016	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Motors, Engines, Fans & Gear Reducers			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_8				
Action/Comments					
Inspector Comments: The pumps and gears appeared to be in a good condition.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Pump Control Systems			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_10				
Action/Comments					
Inspector Comments: Pump control systems were operational and in good condition.					

Photo 1 of 2 : ST_2016_RD2063_53_10_20160810_00019.jpg



View of the power control systems inside the plant.

Photo 2 of 2 : ST_2016_RD2063_53_10_20160810_00020.jpg



View of the power meter.

LM Start	0.00	Rating **	A	Issue No.	10 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Reclamation District No. 2063 Crows Landing

Structure	Structure Length	Inspection Start/End	Inspector
Lateral No. 6 Pumping Plant		08/04/2016 08/04/2016	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Sumps/Wet Well			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_12				
Action/Comments					
Inspector Comments: The sump well was free of debris.					

Photo 1 of 1 : ST_2016_RD2063_53_12_20160810_00021.jpg



View of sump well.

LM Start	0.00	Rating **	A	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Trash Racks			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_13				
Action/Comments					
Inspector Comments: The trash racks appears to be in good working condition.					

Photo 1 of 1 : ST_2016_RD2063_53_13_20160810_00022.jpg



View of the trash rack.

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2013_14				
Action/Comments					
Inspector Comments: Trash rakes were not present at this plant.					

No Photos

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Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Reclamation District No. 2063 Crows Landing

Structure	Structure Length	Inspection Start/End	Inspector
Lateral No. 6 Pumping Plant		08/04/2016 08/04/2016	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Sluice / Slide Gates			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_11				
Action/Comments					
Inspector Comments: The slide gate appeared to be in working condition.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_15				
Action/Comments					
Inspector Comments: There were no electric gate operators at this location.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_17				
Action/Comments					
Inspector Comments: The manual gate operator appeared to be in working condition.					

Photo 1 of 1 : ST_2016_RD2063_53_17_20160810_00024.jpg



View of the manual gates.

*** Location**

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WS : Water Side
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Reclamation District No. 2063 Crows Landing

Structure	Structure Length	Inspection Start/End	Inspector
Lateral No. 6 Pumping Plant		08/04/2016 08/04/2016	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Other Metallic Items			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2013_3				
Action/Comments					
Inspector Comments: Other metallic parts appeared to be in a good condition.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2013_16				
Action/Comments					
Inspector Comments: Flap gates appeared to be in a good working condition.					

Photo 1 of 1 : ST_2016_RD2063_53_16_20160810_00023.jpg



View of the flap gates.

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2013_18				
Action/Comments					
Inspector Comments: There are no closure structures on this structure apart from the slide gate.					

No Photos

*** Location**

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CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Reclamation District No. 2063 Crows Landing

Structure	Structure Length	Inspection Start/End	Inspector
Lateral No. 6 Pumping Plant		08/04/2016 08/04/2016	Pavel Kazi

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_19				
Action/Comments					
Inspector Comments: Security fencing was not available at this location.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Intake and Discharge Pipes			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2013_20				
Action/Comments					
Inspector Comments: The intake and discharge pipes appeared to be in good condition.					

Photo 1 of 1 : ST_2016_RD2063_53_20_20160810_00025.jpg



View of the intake pipes.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
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A/W : Acceptable but Monitor & Maintain

+ Issue Type

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